



Express Mail Mailing Label No. EQ 693277930 US

PATENT  
Attorney Docket No. MDS-013AC2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS: Kaufman et al. CONFIRMATION NO.: 8486  
SERIAL NO.: 10/068,133 GROUP NO.: 1743  
FILING DATE: February 5, 2002 EXAMINER: Moss, Keri A.  
TITLE: METHODS OF MONITORING EFFECTS OF CHEMICAL AGENTS  
ON A SAMPLE

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. In accordance with 37 C.F.R. 1.98(a)(2), only copies of the foreign patent documents and non-patent publications are enclosed.

**REMARKS**

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☐ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☒ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**  
☒ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

In addition, Applicants wish to inform the Examiner of the following commonly-owned, co-pending applications:

- 1) U.S. Serial No. 09/841,325, Attorney Docket No. MDS-009CN, filed on 4/24/01, by Modell et al.;
- 2) U.S. Serial No. 09/591,706, Attorney Docket No. MDS-012, filed on 6/9/00, by Nordstrom et al.;
- 3) U.S. Serial No. 09/738,614, Attorney Docket No. MDS-013A, filed on 12/15/00, by Kaufman et al.;
- 4) U.S. Serial No. 10/068,133, Attorney Docket No. MDS-013AC2, filed on 2/5/02, by Kaufman et al.;
- 5) U.S. Serial No. 09/738,147, Attorney Docket No. MDS-013B, filed on 12/15/00, by Kaufman et al.;
- 6) U.S. Serial No. 10/411,777, Attorney Docket No. MDS-013BC1, filed on 4/11/03, by Kaufman et al.;
- 7) U.S. Serial No. 10/870,672, Attorney Docket No. MDS-014C2, filed on 6/17/04, by Modell et al.;
- 8) U.S. Serial No. 10/122,429, Attorney Docket No. MDS-015CN, filed on 4/12/02, by Nordstrom et al.;
- 9) U.S. Serial No. 09/481,762, Attorney Docket No. MDS-016, filed on 1/11/00, by Modell et al.;
- 10) U.S. Serial No. 10/701,123, Attorney Docket No. MDS-016CN, filed on 11/4/03, by Modell et al.;
- 11) U.S. Serial No. 09/738,612, Attorney Docket No. MDS-020, filed on 12/15/00, by Costa et al.;
- 12) U.S. Serial No. 10/872,128, Attorney Docket No. MDS-020C1, filed on 6/18/04, by Costa et al.;
- 13) U.S. Serial No. 10/071,932, Attorney Docket No. MDS-022C1, filed on 2/8/02, by Nordstrom et al.;
- 14) U.S. Serial No. 10/192,820, Attorney Docket No. MDS-028, filed on 7/10/02, by Schomacker et al.;
- 15) U.S. Serial No. 10/273,511, Attorney Docket No. MDS-030, filed on 3/15/2002, by Kaufman et al.;
- 16) U.S. Serial No. 10/894,356, Attorney Docket No. MDS-032C1, filed on 7/19/04, by Zelenchuk;
- 17) U.S. Serial No. 10/243,535, Attorney Docket No. MDS-033, filed on 9/13/02, by Schomacker et al.;
- 18) U.S. Serial No. 10/848,735, Attorney Docket No. MDS-033C1, filed on 5/19/04, by Schomacker et al.;
- 19) U.S. Serial No. 10/295,794, Attorney Docket No. MDS-034, filed on 11/15/02, by Schomacker et al.;
- 20) U.S. Serial No. 10/828,624, Attorney Docket No. MDS-034DV, filed on 4/21/04, by Schomacker et al.;
- 21) U.S. Serial No. 10/418,922, Attorney Docket No. MDS-035, filed on 4/18/03, by Flewelling et al.;
- 22) U.S. Serial No. 10/418,902, Attorney Docket No. MDS-035A, filed on 4/18/03, by Jiang et al.;
- 23) U.S. Serial No. 10/418,974, Attorney Docket No. MDS-035B, filed on 4/18/03, by Jiang;
- 24) U.S. Serial No. 10/418,668, Attorney Docket No. MDS-035D, filed on 4/18/03, by Costa et al.;

- 25) U.S. Serial No. 10/418,975, Attorney Docket No. MDS-035E, filed on 4/18/03, by Jiang et al.;
- 26) U.S. Serial No. 10/418,415, Attorney Docket No. MDS-035F, filed on 4/18/03, by Schomacker et al.;
- 27) U.S. Serial No. 10/419,181, Attorney Docket No. MDS-035G, filed on 4/18/03, by Jiang et al.; and
- 28) U.S. Serial No. 10/418,973, Attorney Docket No. MDS-035H, filed on 4/18/03, by Schomacker et al.
- 29) U.S. Serial No. 10/530,741, filed on 4/7/2005, by Flewelling et al.

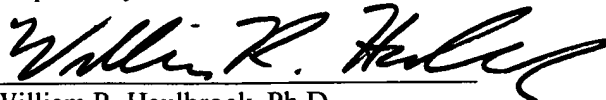
It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

### STATEMENT

As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that **[check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]**:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

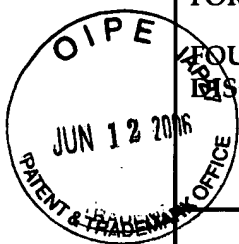
Respectfully submitted,



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Date: June 12, 2006  
Reg. No. 53,002

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FORM PTO - 1449	ATTORNEY DOCKET NO.: MDS-013AC2
FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANT(S): Kaufman et al.
	SERIAL NO.: 10/068,133
	FILING DATE: February 5, 2002 GROUP: 1743

## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A303	D 500,134	12/21/04	Banks <i>et al.</i>			
	A304	4,937,526	06/1990	Ehman <i>et al.</i>			
	A305	6,193,660	02/2001	Jackson <i>et al.</i>			
	A306	6,205,235	03/2001	Roberts			
	A307	6,292,683	09/2001	Gupta <i>et al.</i>			
	A308	4,349,510	09/14/82	Kolehmainen, <i>et al.</i>			
	A309	4,396,579	08/02/83	Schroeder, <i>et al.</i>			
	A310	4,755,055	07/05/88	Johnson <i>et al.</i>			
	A311	4,803,049	02/07/89	Hirschfeld <i>et al.</i>			
	A312	5,267,179	11/30/93	Butler <i>et al.</i>			
	A313	5,383,874	01/24/95	Jackson <i>et al.</i>			
	A314	5,720,293	02/24/98	Quinn <i>et al.</i>			
	A315	5,838,435	11/17/98	Sandison			
	A316	5,871,439	02/16/99	Takahashi, <i>et al.</i>			
	A317	5,894,340	04/13/99	Loree <i>et al.</i>			
	A318	5,902,246	05/11/99	McHenry <i>et al.</i>			
	A319	5,912,257	06/15/99	Prasad <i>et al.</i>			
	A320	5,987,343	11/16/99	Kinast			
	A321	6,011,596	01/04/00	Burl <i>et al.</i>			
	A322	6,123,454	09/26/00	Canfield <i>et al.</i>			
	A323	6,135,965	10/24/00	Tumor <i>et al.</i>			
	A324	6,166,079	12/26/00	Follen <i>et al.</i>			
	A325	6,210,331	04/03/01	Raz			
	A326	6,224,256	05/01/01	Bala			
	A327	6,277,067	08/21/01	Blair			
	A328	6,332,092	12/18/01	Deckert <i>et al.</i>			
	A329	6,370,422	04/09/02	Richards-Kortum, <i>et al.</i>			

EXAMINER	DATE CONSIDERED
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<b>FORM PTO - 1449</b>				<b>ATTORNEY DOCKET NO.: MDS-013AC2</b>			
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				<b>FILING DATE: February 5, 2002 GROUP: 1743</b>			
	A330	6,373,998	04/16/02	Thirion <i>et al.</i>			
	A331	6,390,671	05/21/02	Tseng			
	A332	6,424,852	07/23/02	Zavislan			
	A333	6,487,440	11/26/02	Deckert <i>et al.</i>			
	A334	6,497,659	12/24/02	Rafert			
	A335	6,593,101	07/15/03	Richards-Kortum, <i>et al.</i>			
	A336	6,639,674	10/28/03	Sokolov <i>et al.</i>			
	A337	6,697,666	02/24/04	Richards-Kortum, <i>et al.</i>			
	A338	6,760,613	07/06/04	Nordstrom <i>et al.</i>			
	A339	6,766,184	07/20/04	Utzingier <i>et al.</i>			
	A340	6,818,903	11/16/04	Schomacker, <i>et al.</i>			
	A341	6,826,422	11/30/04	Modell <i>et al.</i>			
	A342	6,847,490	01/25/05	Nordstrom <i>et al.</i>			
	A343	6,902,935	06/07/05	Kaufman <i>et al.</i>			
	A344	2001/0041843	11/15/2001	Modell <i>et al.</i>			
	A345	2002/0133073	09/19/2002	Nordstrom <i>et al.</i>			
	A346	2002/0197728	12/26/2002	Kaufman <i>et al.</i>			
	A347	2003/0114762	01/17/02	Balas			
	A348	2003/0163049	08/2/03	Balas			
	A349	2003/0207250	11/06/2003	Kaufman <i>et al.</i>			
	A350	2004/0010375	01/15/04	Schomacker <i>et al.</i>			
	A351	2004/0010195	01/15/2004	Zelenchuk			
	A352	2004/0206913	10/21/04	Costa <i>et al.</i>			
	A353	2004/0206882	10/21/04	Banks <i>et al.</i>			
	A354	2004/0206914	10/21/04	Schomacker <i>et al.</i>			
	A355	2004/0207625	10/21/04	Griffin <i>et al.</i>			
	A356	2004/0208385	10/21/04	Jiang			
	A357	2004/0208390	10/21/04	Jiang <i>et al.</i>			
	A358	2004/0209237	10/21/04	Flewelling <i>et al.</i>			

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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<b>FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>				<b>APPLICANT(S): Kaufman et al.</b>			
				<b>SERIAL NO.: 10/068,133</b>			
				<b>FILING DATE: February 5, 2002 GROUP: 1743</b>			
	A359	2005/0054936	03/10/05	Balas			
	A360	2005/0090751	04/28/05	Balas			
	A361	D 507,349	07/12/05	Banks <i>et al.</i>			
	A362	5,205,291	04/27/93	Potter			
	A363	5,452,723	09/26/95	Wu			
	A364	5,784,162	07/21/98	Cabib <i>et al.</i>			
	A365	5,999,844	12/07/99	Gombrich <i>et al.</i>			
	A366	6,026,319	02/15/00	Hayashi			
	A367	6,405,070	06/11/02	Banerjee			
	A368	6,593,102	07/15/03	Zahniser			
	A369	6,839,661	01/04/05	Costa <i>et al.</i>			
	A370	6,933,154	08/23/05	Schomacker <i>et al.</i>			
	A371	3,945,371	03/23/76	Adelman			
	A372	5,285,490	02/08/94	Bunch <i>et al.</i>			
	A373	5,347,590	09/13/94	Nonnweiler <i>et al.</i>			
	A374	5,412,563	05/02/95	Cline <i>et al.</i>	345	420	09/16/93
	A375	5,659,384	08/19/97	Ina	355	53	
	A376	5,832,931	11/10/98	Wachter <i>et al.</i>			
	A377	6,040,139	03/21/00	Bova			
	A378	6,067,371	05/23/00	Gouge <i>et al.</i>	382	128	02/13/98
	A379	6,092,722	07/25/00	Heinrichs, <i>et al.</i>			
	A380	6,101,408	08/08/00	Craine <i>et al.</i>			
	A381	6,126,899	10/03/00	Woudenberg <i>et al.</i>			
	A382	6,465,968	10/15/02	Sendai			
	A383	6,633,657	10/14/03	Kump <i>et al.</i>			
	A384	6,466,687	10/15/02	Uppaluri <i>et al.</i>	382	128	02/11/98
	A385	6,640,000	10/28/03	Fey <i>et al.</i>			
	A386	6,671,540	12/30/03	Hochman			
	A387	6,717,668	04/06/04	Treado, <i>et al.</i>			

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<b>FORM PTO - 1449</b>  <b>FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>				<b>ATTORNEY DOCKET NO.:</b> MDS-013AC2  <b>APPLICANT(S):</b> Kaufman et al.  <b>SERIAL NO.:</b> 10/068,133  <b>FILING DATE:</b> February 5, 2002 <b>GROUP:</b> 1743			
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	A388	6,794,431	09/21/04	Rosania <i>et al.</i>			
	A389	5,441,053	08/15/1995	Lodder <i>et al.</i>			
	A390	6,146,897	11/14/2000	Cohenford <i>et al.</i>	436	63	
	A391	6,385,484	05/07/2002	Nordstrom <i>et al.</i>	600	476	
	A392	6,289,236	09/11/2001	Koenig <i>et al.</i>			
	A393	6,571,119	05/27/2003	Hayashi			
	A394	6,718,055	04/06/2004	Suri	382	128	
	A395	6,839,661	01/04/2005	Costa <i>et al.</i>			
	A396	6,885,763	04/26/2005	Ogino	382	131	
	A397	6,975,899	12/13/2005	Faupel <i>et al.</i>			

FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B41	04/005885	01/15/04	WO					
	B42	1-245215	1989	JP					Y (Abstr)
	B43	05-256772	5/10/93	JP					Y (Abstr)
	B44	02-017429	1/22/90	JP					Y (Abstr)
	B45	DE19629646	1/29/98	DE					Y (Abstr)
	B46	1246124A2	10/02/2002	EP				N	Y
	B47	96/41152	12/19/1996	WO				N	Y

OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C114	European Search Report for Pending European Patent Application No. 02019837-0, January 14, 2004 (4 pgs.)							
	C115	European Search Report for Pending European Patent Application No. 00938257, June 14, 2005 (3 pgs.)							
	C116	International Search Report for International Application No. PCT/US04/11820 dated September 3, 2004 (3 pages).							
	C117	Written Opinion for International Application No. PCT/US04/11820 dated September 29, 2004 (5 pages).							

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		<b>SERIAL NO.:</b> 10/068,133
		<b>FILING DATE:</b> February 5, 2002 <b>GROUP:</b> 1743
	C118	International Search Report for International Application No. PCT/US03/21347 dated November 3, 2003 (2 pgs.)
	C119	Fielding et al., "Prediction of Outcome After Curative Resection for Large Bowel Cancer," <u>The Lancet</u> , October 18, 1986, pp. 904-907.
	C120	Frank et al., "Classification: Oldtimers and Newcomers," Journal of Chemometrics, Vol. 3, 463-475 (1989).
	C121	Frayne et al., "3D MR DSA: Effects of Injection Protocol and Image Masking," Journal of Magnetic Resonance Imaging, 12:476-487 (2000).
	C122	Lin et al., "Evidence of possible carcinogenesis during conformational changes in bladder mucosa induced by bladder outlet obstruction," Cancer Letters, 79 (1994), 221-226.
	C123	Zhao, Project Abstract, "Integration of 3-D Imaging Technology and Feature Extraction Algorithm Designs," Center for Engineering Education and Practice, University of Michigan – Dearborn, Feb. 1999.

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<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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